

## EAST Search History

L24	3090	(determin\$3 or recogni\$4) with (((device or terminal or LAN or WLAN or phone or telephone or apparatus or local or network) near5 (wireless or transceiver or transmit\$4 or receiv\$3)) with (latenc\$4 or type))	US-PGPUB	OR	ON	2006/06/14 09:34
L31	43	29.clm.	US-PGPUB	OR	ON	2006/06/14 09:35
L30	1	26 and 29	US-PGPUB	OR	ON	2006/06/14 09:35
L29	169	(determin\$3 or recogni\$4) adj5 (((device or terminal or LAN or WLAN or phone or telephone or apparatus or local or network) adj3 (wireless or transceiver or transmit\$4 or receiv\$3)) with (latenc\$4 or type))	US-PGPUB	OR	ON	2006/06/14 09:35
L37	9828	15.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L36	194965	13.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L35	146922	14.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L34	1072	20.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L33	179293	21.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L32	43560	23.clm.	US-PGPUB	OR	ON	2006/06/14 09:36
L38	104246	16.clm.	US-PGPUB	OR	ON	2006/06/14 09:42
L40	1	39 and 31	US-PGPUB	OR	ON	2006/06/14 09:43
L39	13	23 and 24 and 25	US-PGPUB	OR	ON	2006/06/14 09:43
L46	1	45 and 31	US-PGPUB	OR	ON	2006/06/14 09:44
L45	11	43 and 44	US-PGPUB	OR	ON	2006/06/14 09:44
L44	9828	37 and 38	US-PGPUB	OR	ON	2006/06/14 09:44
L43	29	41 and 42	US-PGPUB	OR	ON	2006/06/14 09:44
L42	37574	35 and 36	US-PGPUB	OR	ON	2006/06/14 09:44
L41	49	32 and 33 and 34	US-PGPUB	OR	ON	2006/06/14 09:44
L47	0	45 and 12	US-PGPUB	OR	ON	2006/06/14 09:45
L49	2	("6933890").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:47
L48	5	45 and 8	US-PGPUB	OR	ON	2006/06/14 09:47

## EAST Search History

L15	43511	locat\$4 near5 signal	US-PGPUB	OR	ON	2006/06/14 09:03
L19	702	18 same 15	US-PGPUB	OR	ON	2006/06/14 09:04
L18	49208	13 with 14	US-PGPUB	OR	ON	2006/06/14 09:04
L17	194965	13.clm.	US-PGPUB	OR	ON	2006/06/14 09:04
L16	260382	(locat\$4 or transmit\$4 or receiv\$3 or reply\$3 or acknowldg\$4) near5 signal	US-PGPUB	OR	ON	2006/06/14 09:04
S10 4	30942	propagat\$4 adj2 delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:06
S72	72326	unique adj3 (identif\$6 or ID or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:06
L20	39001	propagat\$4 near5 delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:06
L21	486659	((unique or known) adj3 (identif\$6 or ID or code)) or (identif\$6 or ID or code)	US-PGPUB	OR	ON	2006/06/14 09:07
L22	91	19 and 20 and 21	US-PGPUB	OR	ON	2006/06/14 09:10
L23	179667	(determin\$3 or estimat\$3 or calculat\$4) near5 (range or distance or location or position)	US-PGPUB	OR	ON	2006/06/14 09:12
L25	75	22 and 23	US-PGPUB	OR	ON	2006/06/14 09:15
L26	13	25 and 24	US-PGPUB	OR	ON	2006/06/14 09:17
L28	414	(342/458).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:18
L27	880	(342/457).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:18

## EAST Search History

L6	116	(455/456.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L5	573	(455/456.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L4	430	(455/456.6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L3	500	(455/456.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L2	427	(455/456.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L1	2294	(455/456.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
S70	919023	(different or plurality) with (latenc\$4 or typ\$3 or delay\$3 or propag\$6 or ((dela\$4 or latanc\$5 or reply\$ or respon\$3) near5 (signal or propag\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:00
L13	937485	(latenc\$4 or typ\$3 or delay\$3 or propag\$6 or ((dela\$4 or latanc\$5 or reply\$ or respon\$3) near5 (signal or propag\$6)))	US-PGPUB	OR	ON	2006/06/14 09:00
S71	92481	(device or terminal or LAN or WLAN or phone or telephone or apparatus) near5 (wireless or transceiver or transmit\$4 or receiv\$3)) with (latenc\$5 or dela\$5 or typ\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:01
L14	304661	(device or terminal or LAN or WLAN or phone or telephone or apparatus or local or network) near5 (wireless or transceiver or transmit\$4 or receiv\$3)	US-PGPUB	OR	ON	2006/06/14 09:02

## EAST Search History

S11 9	3549	S113 S114 S115 S116 S117 S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:50
S12 7	3549	S113 or S114 or S115 or S116 or S117 or S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:52
S13 0	17	S129 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:54
S12 9	29	S105 and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:54
S12 8	778742	(estimat\$3 or calculat\$3 or determin\$3) near5 (range or distance or proximit\$4 or location or position)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:54
S12 3	1022	S120 or S121 or S122	US-PGPUB	OR	ON	2006/06/14 08:59
L12	1023	L9 or L10 or L11	US-PGPUB	OR	ON	2006/06/14 08:59
L11	855	(455/67.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L10	2023	(455/67.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L9	332	(455/67.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:59
L8	1867	L1 L2 L3 L4 L5 L6	US-PGPUB	OR	ON	2006/06/14 08:59
L7	3563	L1 L2 L3 L4 L5 L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 08:59

## EAST Search History

S12 0	332	(455/67.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 8	115	(455/456.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 7	569	(455/456.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 6	428	(455/456.6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 5	496	(455/456.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 4	426	(455/456.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S11 3	2286	(455/456.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S12 6	2	S105 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:49
S12 5	2	S105 and S119	US-PGPUB	OR	ON	2006/06/07 08:49
S12 4	95	S108 and S105	US-PGPUB	OR	ON	2006/06/07 08:49

## EAST Search History

S10 5	536	S104 same latency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:07
S10 7	23	S106 same locat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:22
S10 8	1125392	(wireless or portable or mobile or transceiver or cellular or transmitter or receiver) with (device or terminal or apparatus or unit or transceiver or phone or telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:26
S11 0	34	S109 with type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:27
S10 9	1167	S108 with latency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:41
S11 2	37	S105 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:42
S11 1	98426	S108 with (identif\$5 or ID or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:42
S12 2	852	(455/67.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47
S12 1	2017	(455/67.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 08:47

## EAST Search History

S98	126	S96 same S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:07
S97	443553	type.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:07
S96	2679	plurality adj2 wireless.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:07
S99	1	S98 same latenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:08
S10 1	502	(latenc\$5 or dela\$5) same (WLAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:13
S10 0	18	S98 and latenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:13
S10 2	3	S98 and S101	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:17
S10 3	64	wireless with locator with transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:18
S16	34217	propagat\$4 near3 delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:06
S10 6	273	S104 with latency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 08:07

## EAST Search History

S86	1017841	(position\$3 or locat\$4 or rang\$3 or distanc\$3) near5 (measur\$4 or calculat\$3 or determin\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:15
S89	73902	S80 same S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:17
S88	11384	(controller oprocessor or DSP) near5 transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:17
S90	17437	(controller or processor or DSP) near5 transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:18
S94	35	S87 and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:19
S93	948	S90 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:19
S92	132	S90 same S91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:19
S91	13305	directional near3 antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:19
S95	0	plurality adj of adj wireless.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:06
S77	18	S74 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 08:06



## EAST Search History

S79	12	("5910946"   "6023241"   "6028764"   "6040784"   "6047047"   "6049291"   "6052812"   "6272348"   "6549543"   "6570871"   "6601040"   "6608832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 07:42
S81	60659	S74 same S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:47
S80	1754727	(latenc\$4 or delay\$3 or tim\$4) near5 (propag\$6 or tim\$4 or signal\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:47
S83	1011	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:48
S82	17854	(device or terminal or LAN or WLAN or phone or telephone or apparatus) near5 (wireless or transceiver)) with (latenc\$5 or dela\$5 or typ\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:48
S85	32	S66 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:49
S84	127	S81 same S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:49
S74	876446	(position\$3 or locat\$4 or rang\$3) near5 (measur\$4 or calculat\$3 or determin\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:10
S87	45639	S80 with averag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 08:15

## EAST Search History

S68	1851	(455/67.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:17
S67	316	(455/67.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:17
S28	7877263	(different or plurality) wit (latenc\$4 or type or delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:17
S53	612	known adj3 latency\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:21
S55	1666	(device or terminal) adj3 latenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:22
S37	1353	S36 same (identif\$6 or ID or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:25
S73	266	S71 same S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:30
S76	64	S73 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:31
S75	13613	S70 same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:31
S78	5	("6680923").URPN.	USPAT	OR	ON	2006/02/07 07:40

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S61	444	(455/456.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:15
S60	370	(455/456.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:15
S59	2014	(455/456.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:15
S66	3169	S59 S60 S61 S62 S63 S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 07:16
S65	478	(455/457).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:16
S64	96	(455/456.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:16
S63	477	(455/456.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:16
S62	372	(455/456.6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:16
S69	792	(455/67.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 07:17